

PROPOSED DRAFT MISSOURI TRAUMA CLASSIFICATION CRITERIA

Missouri Department of Health and Senior Services

Trauma Task Force

Class I = Red

- Glasgow Coma Scale < 14 at time of report
- Systolic blood pressure <90 at any time in adults and/or clinical signs of shock
PEDS: Blood Pressure <70 **0-12 months**, <80 **1-5 yrs**, <90 6-12 yrs], age-specific hypotension in children and/or clinical signs of shock
- Respiratory rate, adults <10 or >29
PEDS: >60 **0-12 months**, > 44 **1-5 years**, >30 **6-12 years**, > 22 **13 years or older**
- Heart Rate >120 in adults, and/or clinical signs of shock
PEDS: HR: >160 **0-12 months**, >130 **1-5 years**, >115 6-12 years, >100 **13 or older** age specific tachycardia in children and/or clinical signs of shock
- All penetrating injuries to head, neck, torso, (*boxer short area-groin?*) and extremities proximal to elbow and knee
- *Airway compromise or obstruction, flail chest, hemo- or pneumothorax, patients intubated on scene*
- Two or more proximal long-bone fractures
- Crush, degloved, *pulseless*, or mangled extremity
- Amputation proximal to wrist and ankle
- Unstable or suspected pelvic fractures
- Open or depressed skull fractures
- PEDS: Maxillo-facial or upper airway injury
- PEDS: Burns of 10% BSA or more, chemical, electrical, circumferential, flame burns of face, or any signs of inhalational injury
- Paralysis or signs of spinal cord or cranial nerve injury
- Active or uncontrolled hemorrhage
- Major burns >20% BSA or any signs of inhalation injury
- All open fractures
- Amputation distal to wrist or ankle of two or more digits
- Emergency medicine attending discretion

Class II= Yellow

- Do not meet Class I criteria
- Falls
 - Adults: > 20 ft (one story = 10 ft.)
 - Children: > 10 ft. or 2-3 times height of the child
- High-risk auto crash
 - Intrusion: > 12 in occupant site; > 18 inches in any site
 - Ejection (partial or complete) from automobile or rollover
 - Death in same passenger compartment
 - Vehicle telemetry data consistent with high risk of injury or highway speed
- Auto v. Pedestrian/bicyclist thrown, run over, or with significant (> 10 vs 20 mph) impact
- Motorcycle or ATV crash > 20 mph with separation of rider
- *Seat Belt Sign*
- *Unrestrained child 8 years of age or younger*
- *Assault with other than brief LOC*
- *PED: 2 or more extremity fractures*
- *Pregnancy with acute abdominal pain and traumatic event*
- *Burns with associated trauma*
- *Emergency Medicine Attending discretion*

PROPOSED DRAFT MISSOURI TRAUMA CLASSIFICATION CRITERIA

Class III= Green

- Do not meet Class I or II criteria
- Age
 - Older adults: Risk of injury/death increases > age 55
 - PEDS: Should triage preferentially to pediatric trauma center , < 15 years with potential for admission
- Anticoagulation and bleeding disorder
- Burns
 - Without other trauma mechanism: Triage to burn facility
- Time sensitive extremity injury
- End-stage renal disease requiring dialysis
- Pregnancy > 20 weeks vs all pregnant patients involved in traumatic event
- EMS provider judgment
- *MVC < 40 MPH or UNK speed*
- *Assault without LOC*
- *PEDS: Burns < 20%*
- *Suspected child or elder abuse*
- *Near drowning/ Near hanging*